

Anti-Rheb [Rheb 5D5]

Catalogue number: 151545

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: The Institute of Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Rheb [Rheb 5D5]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Rheb (Ras homolog enriched in brain) is an evolutionarily conserved member of the Ras family of small GTP binding proteins. Rheb is expressed at high levels in the brain, but is also found in many other tissues, and can be induced by growth factor stimulation. Rheb triggers activation of the Raf-MEK-MAPK pathway and has an important role in regulating the insulin/Target of rapamycin (TOR) signalling pathway.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human ; Mouse

Selectivity:

Host: Mouse

Immunogen: Human Rheb GST fusion

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

HeLa or 293T cell line

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Rheb

Target alternate names:

Target background: Rheb (Ras homolog enriched in brain) is an evolutionarily conserved member of the Ras family of small GTP binding proteins. Rheb is expressed at high levels in the brain, but is also found in many other tissues, and can be induced by growth factor stimulation. Rheb triggers activation of the Raf-MEK-MAPK pathway and has an important role in regulating the insulin/Target of rapamycin (TOR) signalling pathway.

Molecular weight:

Ic50:

Applications

Application: IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Findlay et al. 2007. Biochem J. 403(1):13-20. PMID: 17253963. ; A MAP4 kinase related to Ste20 is a nutrient-sensitive regulator of mTOR signalling.

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